

Docket No.: 60188-674

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Customer Number: 20277  
Shiro DOSHO, et al. : Confirmation Number: Not yet assigned  
Serial No.: Divisional of Appln.  
Serial No. 09/594,153 : Group Art Unit: Not yet assigned  
Filed: October 08, 2003 : Examiner: Not yet assigned  
For: LADDER FILTER, ANALOG EQUALIZER AND SIGNAL READOUT SYSTEM

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

The references were cited by or submitted to the U.S. Patent and Trademark Office in parent application Serial No. 09/594,153, filed June 15, 2000, which is relied upon for an earlier filing date under 35 USC 120. Thus, copies of these references are not attached. 37 CFR 1.98(d).

Respectfully submitted,

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<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <b>(PTO-1449)</b>				ATTY. DOCKET NO. <b>60188-674</b>	SERIAL NO. <b>Divisional of Appln. Serial No. 09/594,153</b>		
				<b>APPLICANT</b> <b>Shiro DOSHO, et al.</b>			
				FILING DATE <b>October 08, 2003</b>	GROUP <b>Not yet assigned</b>		
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code(s if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	US	6,144,981	11/2000	Kovacs et al.			
	US	4,823,092	04/1989	Pennock			
	US	4,839,542	06/1989	Robinson			
	US	5,257,286	10/1993	Ray			
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<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number & Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
		JP 6-164314	6/1994				
		JP 50-43860	4/1975				
		JP 6-78007	3/1994				
		JP 8-274583	10/1996				
		JP 6-61791	3/1994				
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
		"A 160 MHz Front-End IC for EPR-IV PRML Magnetic Storage Read Channels", P. Pai et al., 1996 International Solid-State Circuits Conference (1996).					
EXAMINER				DATE CONSIDERED			

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.**